

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hong-Jyh Li et al.  
Filed: Herewith  
Title: ION IMPLANTATION OF HIGH-K MATERIALS IN SEMICONDUCTOR DEVICES  
Docket No.: 2004P50029US/I331.135.101

## Mail Stop Patent Application

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet containing Certificate of Mailing under 37 C.F.R. 1.10 (1 pg.).
- ☒ UTILITY Patent Application under 37 CFR § 1.53(b) comprising:
  - ☒ Specification (13 pgs.); Claims (1-40); and an Abstract (1 pg.).
  - ☐ Informal Drawing(s) ( sheets).
  - ☒ Formal Drawing(s) (11 sheets).
- ☒ Signed Combined Declaration, Power of Attorney and Petition (3 pgs.).
- ☒ Assignment of invention to Infineon Technologies North America Corp., (1 pg.); Recordation Form Cover Sheet (1 pg.) The Patent Office is hereby authorized to charge Deposit Account No. 500471 in the amount of \$40.00 for the Assignment Recordation Fee as set forth under 37 C.F.R. 1.21(h).
- ☒ The Patent Office is hereby authorized to charge Deposit Account No. 500471 in the amount of \$1362.00 for the basic filing fee and any additional claims as set forth under 37 C.F.R. 1.16(a),(b), and (c).
- ☒ Other: Information Disclosure Statement (2 pgs.) and Form PTO-1449 (1 pg.).
- ☒ Return postcard.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	40 - 20 =	20	x \$18.00 =	\$360.00
INDEPENDENT CLAIMS	6 - 3 =	3	x \$84.00 =	\$252.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$750.00
TOTAL				\$1362.00

Please consider this a Petition for Extension of Time for a sufficient number of months to enter these papers, if appropriate. At any time during the pendency of this application, please charge any additional fees or credit overpayment to Deposit Account No. 500471.

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By: Steven E. Dicke  
Name: Steven E. Dicke  
Reg. No.: 38,431

### CERTIFICATE UNDER 37 C.F.R. 1.10:

"Express Mail" mailing label number: EV 409552015US  
Date of Deposit: March 12, 2004

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The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Vernell Beal  
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